

## ADDITIONAL NOTES ON THE GENUS TRYCHOSIS FOERSTER IN EUROPE (HYMENOPTERA, CRYPTINAE)

by

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### *Trychosis priesneri* spec. nov.

Characteristics of the holotype of *Trychosis priesneri*. — Female, 9.3 mm. Front wing 6.7 mm. Labels: a white tag "Winden, Bgld. [Burgenland] 12.VII.1959 H. Priesner". Holotype, labelled accordingly. The specimen is in the collection of Prof. Dr. H. Priesner, Linz, Austria.

Head black, roughly sculptured, relatively small. Thorax black. Mesoscutum strikingly high, giving the thorax a hunchbacked appearance. Vertical carina on anterior part of epicnemium developed into a rounded tooth-like structure. Gaster with postpetiole and tergites 2,3 and 4 (in part), orange. Apex fuscous. Ovipositor, 0.17 length of front wing, relatively short. 15 other specimens, including 3 males, were labelled paratype.

Description of the female. — Front wing 6.0—7.5 mm. Head relatively small, black, palpi brown. Closely and roughly punctured; with conspicuous, erect silvery hairs. Clypeus strongly convex. Antennae brown, ventrally reddish, index of postanellus 3.5—4.1. Antennal scrobes scarcely indicated. Frons roughly punctured.

Thorax black, with erect silvery hairs. Pronotum closely and roughly punctured with strong crista. Mesoscutum strongly rising above the level of the ocelli, giving the specimen a hunchbacked appearance, more widely punctured and polished between. Scutellum rather convex, with strong punctures. Vertical carina on anterior part of epicnemium developed into a rounded tooth-like structure as in *T. tristator*. Episternum 2 with rough punctures almost touching, interspaces shiny. Propodeum large, strongly declivitous towards propodeal orifice, closely sculptured; with anterior transverse carina in most specimens complete; posterior transverse carina sublaterally present. Wings somewhat fuscous. Nervellus intercepted above the middle. Coxae fuscous-red to black. Femora rather variable in colour between fuscous-yellow and black (hind femora). Tarsi between fuscous-yellow and brown. Femora rather stout; index front femur, 3.4—4.0; hind femur, 4.6—5.3.

Gaster with postpetiole, tergites 2, 3 and 4 (in part) orange, polished, with minute punctures from which adpressed to suberect microsetae arise. Apex fuscous. Ovipositor strikingly short, 0.16—0.17 length of front wing.

Male. — For description three males were available. The colour pattern of these closely resembles that of the female. The most characteristic feature of the female, viz. the hunchbacked thorax, also occurs in the male and makes it rather easily recognizable.

Head black, rather small, flat in the antero-posterior line, closely and roughly sculptured, with erect silvery hairs. Clypeus convex. Antennal scrobes little pronounced. Tyloids on antennal segments 12—17.

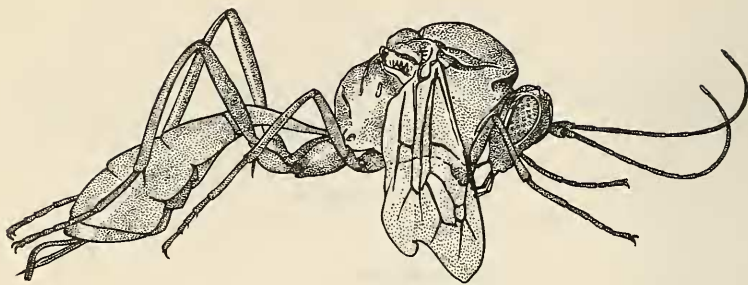


Fig. 1. *Trychosis priesneri*, ♀, Konya Asiat. Türk.) (coll. Priesner),  $\times 6.5$

Thorax black, mesoscutum strongly rising above the level of the ocelli. Pronotum, mesoscutum and episternum 2 with strong punctures, interstices shiny. Vertical carina on anterior part of epicnemium developed into a rounded tooth-like structure. Scutellar fovea narrow and deep. Scutellum 2 strongly convex. Propodeum roughly sculptured. Anterior transverse carina complete; posterior interrupted medially. Coxae fuscous-red to black. Front and middle femora yellowish-red; front and middle tibiae and tarsi yellow, dorsally with a rather conspicuous streak of white. Hind legs fuscous, including the tarsi.

Gaster with postpetiole, tergites 2, 3 and 4 (in part) orange, subpolished, with fine punctures, implantations of adpressed microsetae. Apex fuscous.

In my key (Van Rossem, 1966) the females of *Trychosis priesneri* are inserted as follows:

2. Vertical carina on anterior part of epicnemium developed into a rounded tooth-like structure . . . . . 3
3. Tergite 2 subpolished, with very close setae and microsculpture. Thorax not conspicuously rising above the level of the ocelli . . . *T. tristator* and *T. glabricula*<sup>1)</sup>
- Tergite 2 polished, setae and microsculpture more widely placed. Thorax hunchbacked (Fig. 1) . . . . . *T. priesneri*

#### Separation of the males:

1. Vertical carina on anterior part of epicnemium with a strong, tooth-like structure . . . 2
2. Front and middle tibiae with a rather conspicuous white streak. Hind leg fuscous. Thorax strongly hunchbacked . . . . . *T. priesneri*
- Front and middle tibiae without a white streak. Hind tarsi with a white band. Thorax not hunchbacked . . . . . *T. tristator*

Distribution. — The species seems to be widely distributed in the central and southern regions of Europe. The greater part of the material which I studied was kindly placed at my disposal by Professor Dr. H. Priesner, Linz (Austria), who told me that he had known this species since 1959. I recognized it when studying Palearctic *Trychosis* material sent to me by Dr. Henry Townes. I am glad to name this species after Dr. Hermann Priesner.

<sup>1)</sup> *T. glabricula* is possibly only a small form of *T. tristator*.

Material examined. — Austria: ♀, Winden, Bgld., 12.VII.1959, leg. H. Priesner (coll. Priesner) (the holotype); ♀, Winden, Bgld., 12.VII.1959, leg. H. Priesner; ♀, Winden, Bgld., 9.VII.1964, leg. H. Priesner; ♂, Winden, Bgld., 4—7.VII.1959, leg. H. Priesner; ♀, Winden, Bgld., 12.VII.1959, leg. H. Priesner; ♀, Winden, 10.VII.1962, leg. H. Priesner; ♀, Umgebung Wien, 10.VI.1958, leg. K. Kusdas (coll. Priesner); ♀, Neusiedlersee, Umg., Bgld., 11.VII.1960, leg. Kusdas (coll. Priesner); ♀, Neusiedlersee, Umg., Bgld., 14.VII.1961, leg. Kusdas (coll. Priesner). France: ♂, Carpentras (Vaucl.), 24—27.V.1952, leg. Verhoeff (coll. PD)\*); ♂, Carpentras (Vaucl.), 1—3.VIII.1953, leg. Verhoeff (coll. PD)\*). Grece: ♀, Sitia (Kreta), 20.V. 1963, leg. Kusdas (coll. Priesner). Switzerland: ♀, Wallis (ex coll. Berlin) (coll. Townes). Turkey: ♀, Konya, Asiat. Türk., 26.V.1965, leg. J. Schmidt (coll. Priesner). Yugoslavia: ♀, Hvar (Dalmatia), 10.VI.1962, leg. Gusenleitner (coll. Priesner). Label illegible: ♀, Ostrów Mar (?), 26.VII.1958, coll. Glowacki.

### *Trychosis gradaria* (Tschek, 1870)

*Cryptus gradarius* Tschek, 1870, Verh. zool.-bot. Ges. Wien 20: 151—152.

*Goniocryptus punctatus* Szépligeti, 1916, Ann. Mus. Nat. Hung. 14: 250. Syn. nov.

*Trychosis gradaria*: Van Rossem, 1966, Zool. Verh. 79: 16.

The specimen of *Goniocryptus punctatus* in Szépligeti's collection at Budapest is a female of *Trychosis gradaria* (Tschek, 1870), which thus appears to be a senior synonym of *punctatus*. As the author mentions only one specimen, this is the holotype and I have labelled it as such.

Characteristics of the holotype of *Goniocryptus punctatus*. Female, 12.4 mm. Front wing 7.5 mm. Labels: P. Maróth (= Pilis-Maróth) Szépligeti; a red tag: a label with Szépligeti's writing "*Goniocryptus* 18. *punctatus* n.sp." (18 is the number, not meaning 18-punctatus). Index of front femur, 3.3. Index of radial cell, 4.1. Ovipositor 1.8 mm.

### REFERENCES

- Rossem, G. van, 1966. — A study of the genus *Trychosis* Foerster in Europe (Hymenoptera, Ichneumonidae, Cryptinae). — Zool. Verh., Leiden 79: 1—40.  
Szépligeti, V., 1916. — Ichneumoniden aus der Sammlung des Ungarischen National-Museums. — Ann. Mus. Nat. Hung. 14: 225—380.

\*) These specimens were placed under *T. tristator* in my paper of 1966.